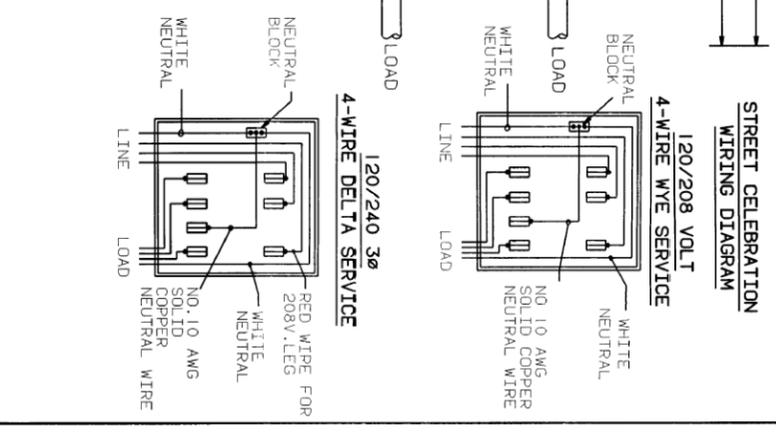
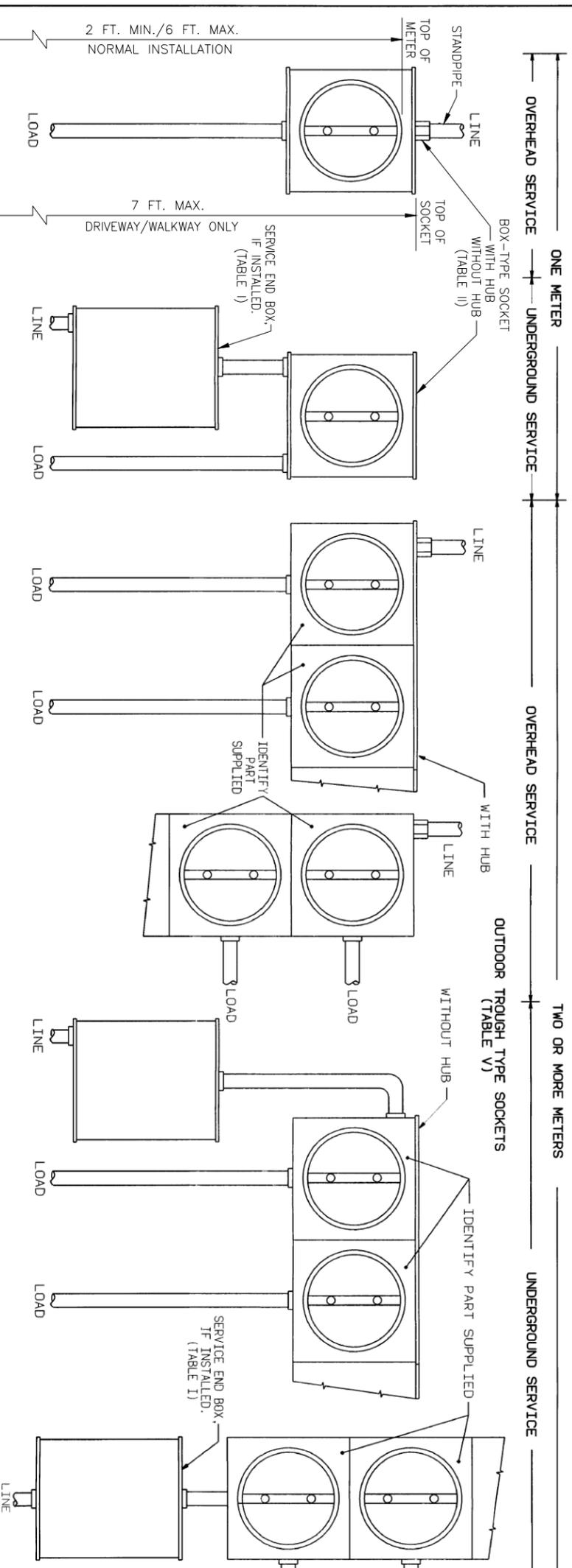


FIELD MANUALS
NO. 4, SER. V, INSTL.
SECT. 6: METER INSTL.
NO. 1, SER. V, INSP.
METER SERV. & CONTROL
SECT. 3: ELECT. METER

OVERHEAD SERVICE — ONE METER — UNDERGROUND SERVICE — OVERHEAD SERVICE — TWO OR MORE METERS — UNDERGROUND SERVICE

REVISIONS	DESCRIPTION
13	REDRAWN ON J.A.S. 3/13/86
14	ADDED NEUTRAL TERMINAL BLOCKS V.D. 9/11/93
15	1/21/99 V.FERGUSON
16	ADDED MIN. & MAX. HEIGHTS FOR METER & SOCKET
17	CHANGED NOTE 3 G.D. 1/21/99

EO-07921-A



STREET CELEBRATION WIRING DIAGRAM

WIRING DIAGRAMS
120/208V OR 120/240V 3 WIRE SERVICE

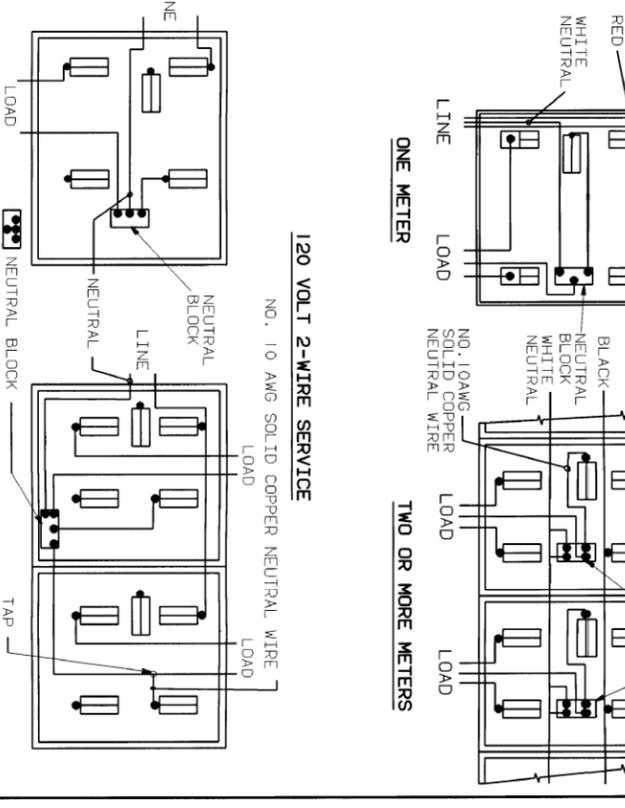
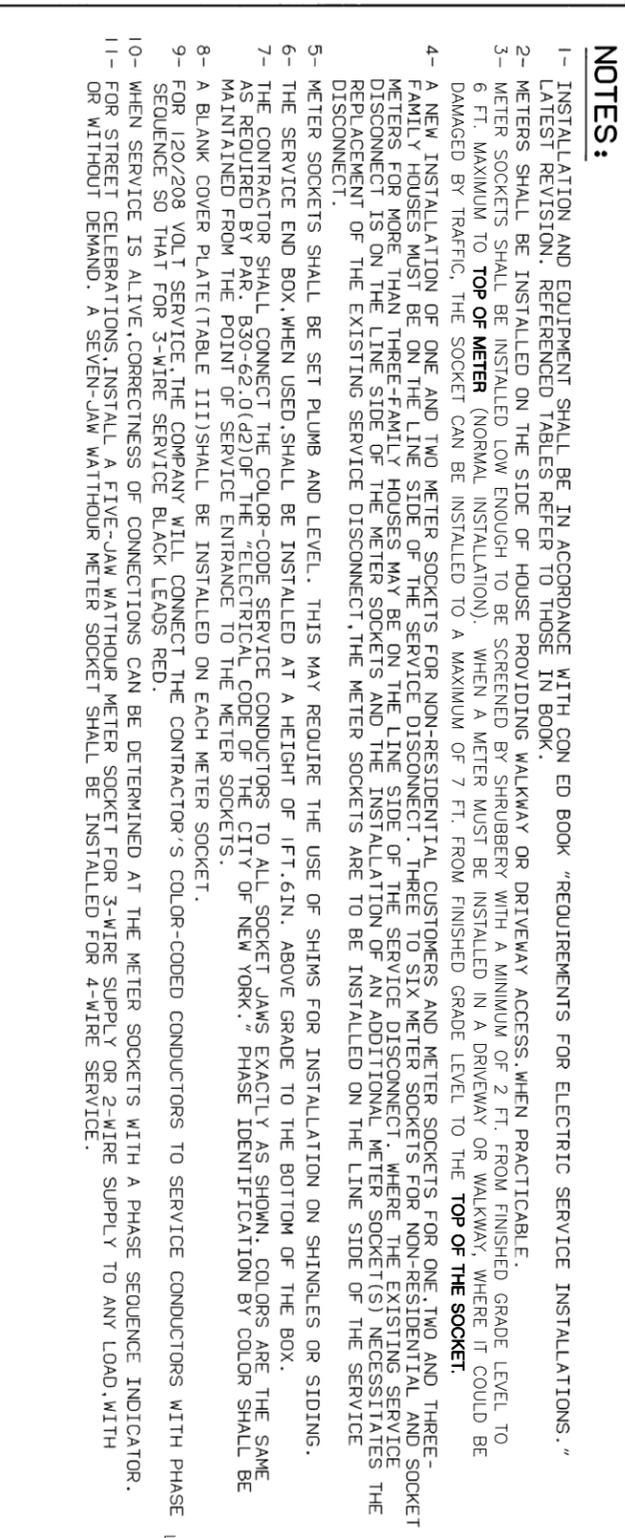
NOTES:

- 1- INSTALLATION AND EQUIPMENT SHALL BE IN ACCORDANCE WITH CON ED BOOK "REQUIREMENTS FOR ELECTRIC SERVICE INSTALLATIONS."
- 2- LATEST REVISION, REFERENCED TABLES REFER TO THOSE IN BOOK.
- 3- METERS SHALL BE INSTALLED ON THE SIDE OF HOUSE PROVIDING WALKWAY OR DRIVEWAY ACCESS, WHEN PRACTICABLE.
- 4- METER SOCKETS SHALL BE INSTALLED LOW ENOUGH TO BE SCREENED BY SHRUBBERY WITH A MINIMUM OF 2 FT. FROM FINISHED GRADE LEVEL TO 6 FT. MAXIMUM TO **TOP OF METER** (NORMAL INSTALLATION). WHEN A METER MUST BE INSTALLED IN A DRIVEWAY OR WALKWAY, WHERE IT COULD BE DAMAGED BY TRAFFIC, THE SOCKET CAN BE INSTALLED TO A MAXIMUM OF 7 FT. FROM FINISHED GRADE LEVEL TO THE **TOP OF THE SOCKET**.
- 5- A NEW INSTALLATION OF ONE AND TWO METER SOCKETS FOR NON-RESIDENTIAL CUSTOMERS AND METER SOCKETS FOR ONE, TWO AND THREE-FAMILY HOUSES MUST BE ON THE LINE SIDE OF THE SERVICE DISCONNECT. THREE TO SIX METER SOCKETS FOR NON-RESIDENTIAL AND SOCKET METERS FOR MORE THAN THREE-FAMILY HOUSES MAY BE ON THE LINE SIDE OF THE SERVICE DISCONNECT, WHERE THE EXISTING SERVICE DISCONNECT IS ON THE LINE SIDE OF THE METER SOCKETS AND THE INSTALLATION OF AN ADDITIONAL METER SOCKET(S) NECESSITATES THE REPLACEMENT OF THE EXISTING SERVICE DISCONNECT, THE METER SOCKETS ARE TO BE INSTALLED ON THE LINE SIDE OF THE SERVICE DISCONNECT.
- 6- METER SOCKETS SHALL BE SET PLUMB AND LEVEL. THIS MAY REQUIRE THE USE OF SHIMS FOR INSTALLATION ON SHINGLES OR SIDING.
- 7- THE SERVICE END BOX, WHEN USED, SHALL BE INSTALLED AT A HEIGHT OF 1 FT. 6 IN. ABOVE GRADE TO THE BOTTOM OF THE BOX.
- 8- THE CONTRACTOR SHALL CONNECT THE COLOR-CODE SERVICE CONDUCTORS TO ALL SOCKET JAWS EXACTLY AS SHOWN. COLORS ARE THE SAME AS REQUIRED BY PAR. 830-62.0(42) OF THE "ELECTRICAL CODE OF THE CITY OF NEW YORK." PHASE IDENTIFICATION BY COLOR SHALL BE MAINTAINED FROM THE POINT OF SERVICE ENTRANCE TO THE METER SOCKETS.
- 9- A BLANK COVER PLATE (TABLE III) SHALL BE INSTALLED ON EACH METER SOCKET.
- 10- FOR 120/208 VOLT SERVICE, THE COMPANY WILL CONNECT THE CONTRACTOR'S COLOR-CODED CONDUCTORS TO SERVICE CONDUCTORS WITH PHASE SEQUENCE SO THAT FOR 3-WIRE SERVICE BLACK LEADS RED.
- 11- WHEN SERVICE IS ALIVE, CORRECTNESS OF CONNECTIONS CAN BE DETERMINED AT THE METER SOCKETS WITH A PHASE SEQUENCE INDICATOR.
- 12- FOR STREET CELEBRATIONS, INSTALL A FIVE-JAW WATT HOUR METER SOCKET FOR 3-WIRE SUPPLY OR 2-WIRE SUPPLY TO ANY LOAD, WITH OR WITHOUT DEMAND. A SEVEN-JAW WATT HOUR METER SOCKET SHALL BE INSTALLED FOR 4-WIRE SERVICE.

DATE 3-28-92
LAST REV. 1/21/99

CONSOLIDATED EDISON COMPANY OF N. Y. INC.
ELECTRICAL ENGINEERING DEPT

MES 394 REV. 15



DATE	BY	REVISION
3-28-92	MS	1
1/21/99	MS	2

FOR APPROVAL
DIV. SIGNATURE DATE
DESIGN ENGINEER DATE
SCALE NONE
NO. 3-28-92
NO. 1-2-96

EO-07921-A